BRUHAT BANGALORE MAHANAGARA PALIKE

Dasarahalli Zone

Draft Tender Schedule(DTS)

Name of work: Improvement to Drain and Roads at Main and Cross roads near STP Plant BTS Layout at Bagalagunte Ward No 14

Notification Number

Tender form issued to Sri..... Class Registration number.....

Sl No	Description of Work	Unit	Quantity as per Estimate	Rates in Rs.		Amount in Rs.
				In Figures	In Words	
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete asper specifications. MORTH/Chapter-3 and directions of Engineer-in-charge	Cum	810.00	186.92	Rupees One Hundred Eighty Six And Paise Ninety Two Only	151405.20
2	KSRB 4-1.8 : Providing and laying in position plain cement concrete cum of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and directions of Engineer-in-charge	Cum	353.70	5159.02	Rupees Five Thousand One Hundred Fifty Nine And Paise Two Only	1824745.37
3	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No: KBS 4.6.2 and directions of Engineer-in-charge	Sqm	2340.00	310.58	Rupees Three Hundred Ten And Paise Fifty Eight Only	726757.20
4	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per directions of the Engineer-in-charge. Specification No. KBS 4.6.3- TMT bars Fe 500 (Issued Rate 18-12-2017) and directions of Engineer-in-charge	Tonne	17.62	64243.42	Rupees Sixty Four Thousand Two Hundred Forty Three And Paise Forty Two Only	1131969.06
5	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mix concrete(RMC) for RCC works laid in 15 cms thick layers and well conpacted vibrating, curing, finishing with nocessary cement mortar, with all lead and lifts etc., complete (exlusive of cost of steel and fabrication charges) Ready mix concrete M-20 for raft foundation, coulmn and footing, main ans secondary beams. Complete as per specifications and directions of Engineering-charge	Cum	280.35	6231.74	Rupees Six Thousand Two Hundred Thirty One And Paise Seventy Four Only	1747068.31
6	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doiirections of the Engineer-in-charge. {Data Rate sheet enclosed}	Sqm	774.20	1873.00	Rupees One Thousand Eight Hundred Seventy Three Only	1450076.60
	Providing and laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, labour, curing, transportation,loading, unloading etc.,complete as per the direction of Engineer - In- Charge. (Data Rate enclosed)	Sqm	135.00	4218.00	Rupees Four Thousand Two Hundred Eighteen Only	569430.00
	KSRRB M300-5.3. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305, Complete as per specifications and directions of Engineering-charge	Cum	577.50	320.12	Rupees Three Hundred Twenty And Paise Twelve Only	184869.30
	KSRRB M300-7.4. Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. and 9 Kms Lead for Disposal as per the directions of Engineer-in-charge	Cum	472.50	77.56	Rupees Seventy Seven And Paise Fifty Six Only	36647.10

Rs. Seventy Seven Thousand Eighty Eight Only

10	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No: 406 and Breaking of Engineer in-charge	Cum	315.00	1768.08	Rupees One Thousand Seven Hundred Sixty Eight And Paise Eight Only	556945.20
11	Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement,M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) & spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as	Cum	236.25	6217.96	Rupees Six Thousand Two Hundred Seventeen And Paise Ninety Six Only	1468993.05
12	Vaccum De-Watering With Vaccum Pump and Suction Mat and Compaction With Skin Floater Clubbed With Floating Disc Including Cost of Generator , HOM Of Machinery Screed Vlabratory, Power Floater, Blade And Disc With all Lear and Lift complete as per specification. and direction of Engineering in charge	Sqm	1575.00	95.40	Rupees Ninety Five And Paise Forty Only	150255.00
					Total Construction Cost	99,99,161.39

No. of Corrections : 4 Nos

Total No. of Corrections : 22 Nos

DTS Approved

Executive Engineer
Dasarahalli
BBMP - Bangaloro